

APPENDIX H

Nitrogen Oxides (NO_x) and Sulfur Dioxides (SO₂) Emissions from Electric Generating Units, Six State Region

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APPENDIX I

2005 Base Year Emissions Inventory and 2010 and 2020 Projected Emissions Inventory Nitrogen Oxides (NO_x), Sulfur Dioxides (SO₂) and Direct Fine Particulate Matter (PM_{2.5}) in Southwestern Indiana Area

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2005 (Tons per Year)

Area	Category	NO _x	Direct PM _{2.5}	SO ₂
Southwestern Indiana Area	Area	1,722.33	906.03	769.86
Southwestern Indiana Area	Nonroad	3,219.92	267.05	327.86
Southwestern Indiana Area	Onroad	9,212.11	159.12	236.76
Southwestern Indiana Area	Point	86,585.69	3,234.67	366,527.03
Total		100,738.05	4,566.88	367,861.51

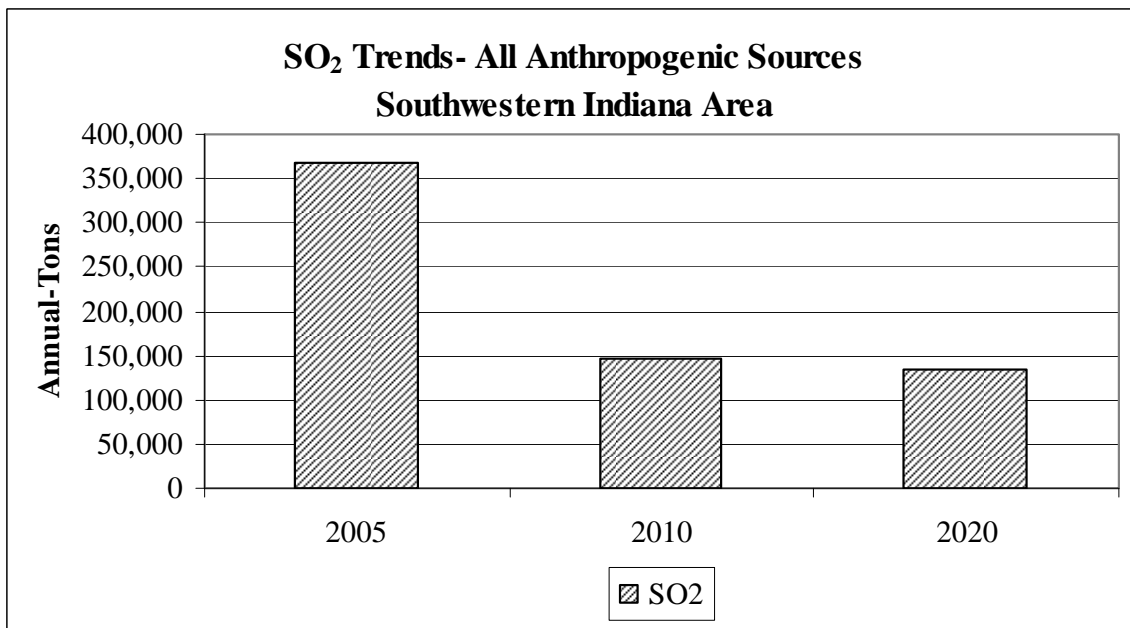
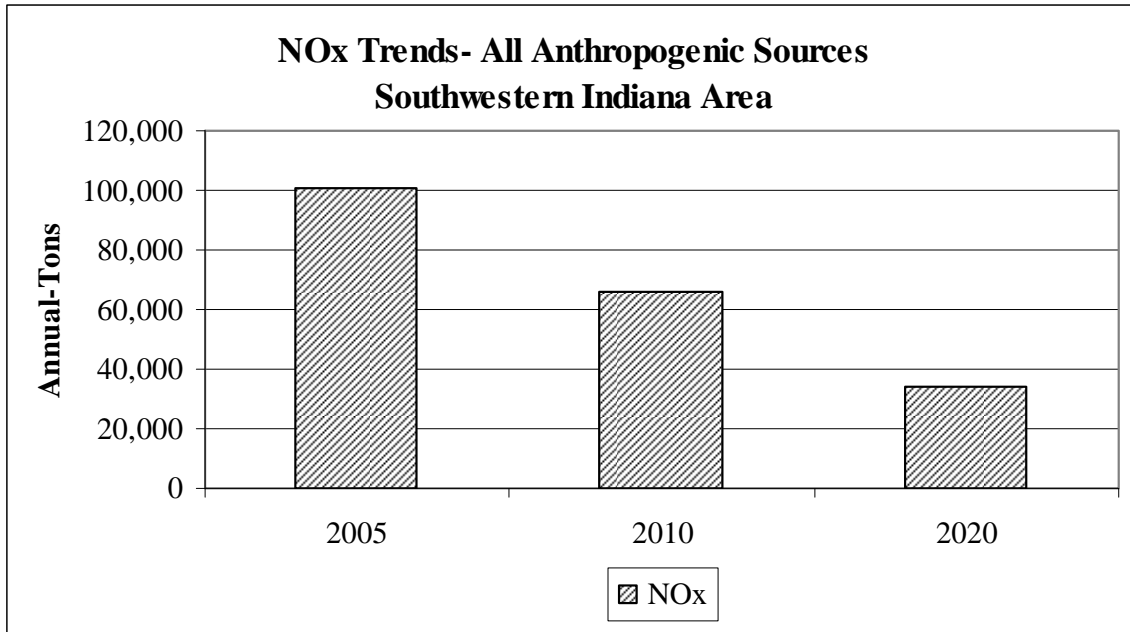
2010 (Tons per Year)

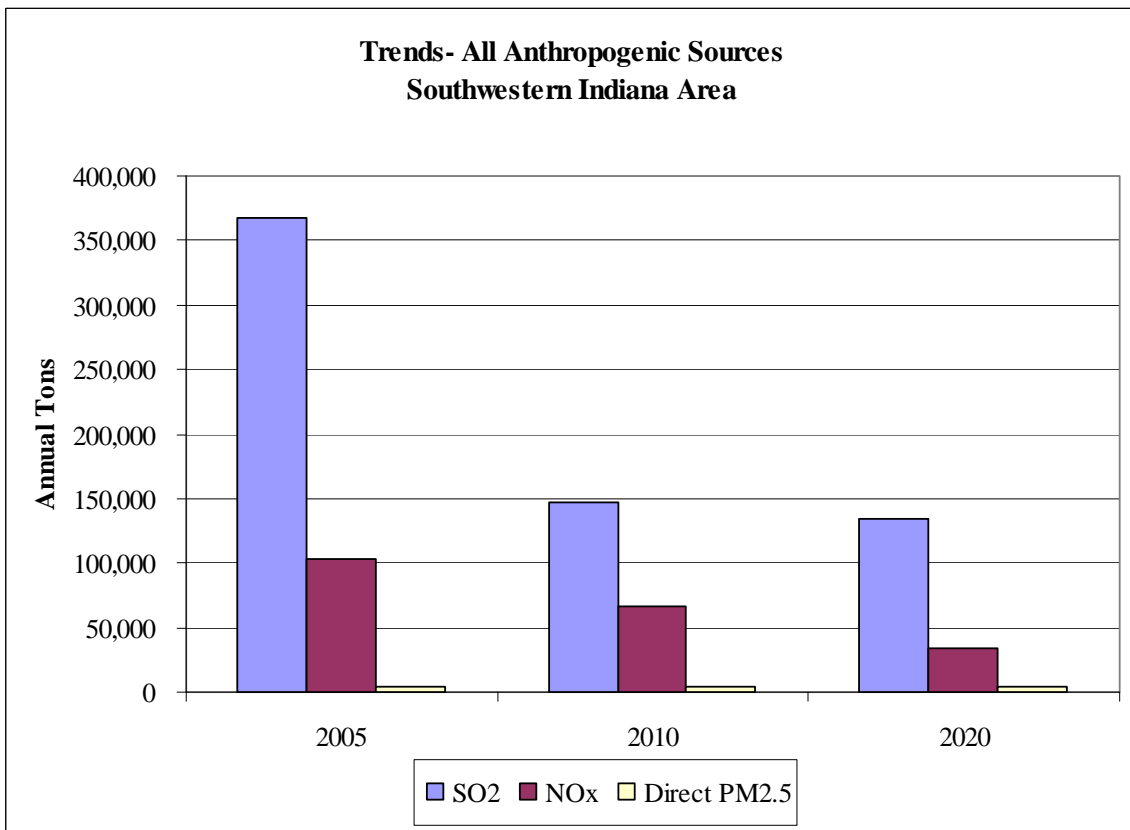
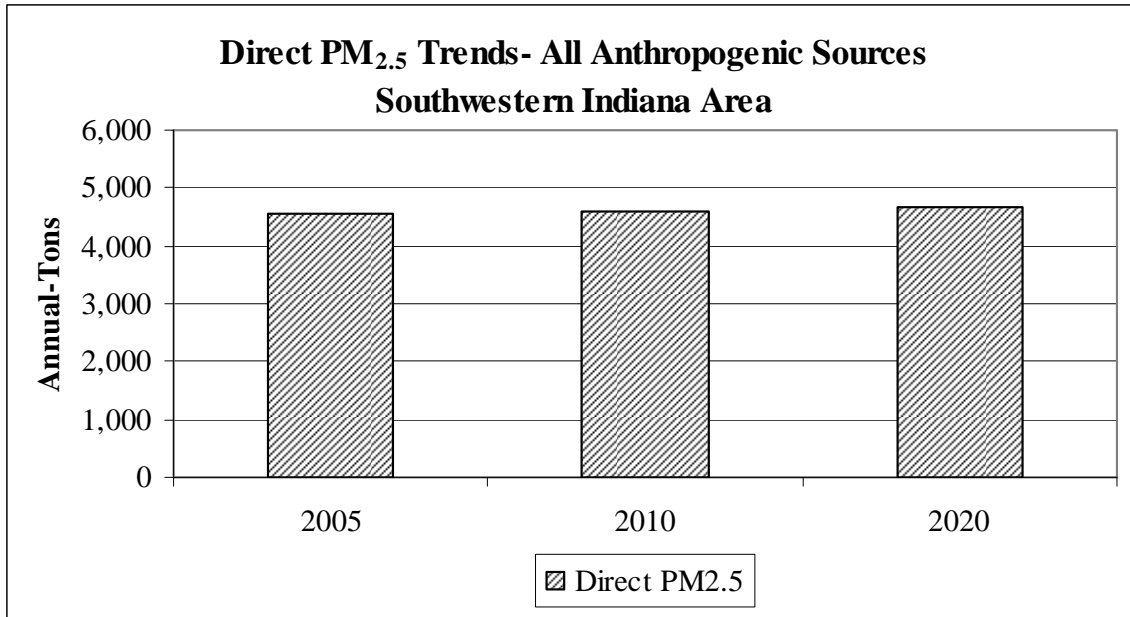
Area	Category	NO _x	Direct PM _{2.5}	SO ₂
Southwestern Indiana Area	Area	1,743.04	749.00	762.77
Southwestern Indiana Area	Nonroad	4,915.38	266.77	175.86
Southwestern Indiana Area	Onroad	6,144.94	108.21	84.24
Southwestern Indiana Area	Point	52,999.59	3,466.64	145,268.70
Total		65,802.94	4,590.62	146,291.56

2020 (Tons per Year)

Area	Category	NO _x	Direct PM _{2.5}	SO ₂
Southwestern Indiana Area	Area	1,788.64	776.74	771.64
Southwestern Indiana Area	Nonroad	3,103.83	142.84	111.27
Southwestern Indiana Area	Onroad	2,914.05	72.16	45.75
Southwestern Indiana Area	Point	26,114.03	3,696.79	132,989.86
Total		33,920.55	4,688.54	133,918.53

	2005	2020	Change	% Change
NO _x	100,738.05	33,920.55	-66,817.5	66.33% decrease
SO ₂	367,861.51	133,918.53	-233,942.98	63.60% decrease
Direct PM _{2.5}	4,566.88	4,688.54	121.66	2.66% increase





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APPENDIX J

Example Mobile Source Input/Output Calculation Files

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APPENDIX K

Public Participation Process